SRS
Hotel Management System.

INTRODUCTION:

1.1 Purpose of the Requirements document:
To specify the requirements for a Hotel Management System.

1.2 Scope of the product: Users are allowed to check in to the hotel only at 12noon and checkout at 2pm. Prior booking of party hall is required. Users below the age of 18 are not permitted to book a room unless accompanied by an adult.

1.3 Definition, acronyms and abbreviations
AC → Air Conditioned
VAC → Vacated
OC → Occupied
DND → Do not disturb
TBC → To be cleaned.

1.4 References: Taj Hotel and JW Mariott

1.5 Overview: Detailed information about the requirements and general booking procedures.

General description

2.1 Product Perspective
Hotel Staff Perspective: Details about the residing and past costumers of the hotel, details of allocated and available.

rooms, Staff roles and working hours, monitor CCTV surveillance, Party hall booking details, Parking details, Restaurant details.

4.9 Guest Perspective: Room availability and booking details, hotel amenities, Party hall details, hotel restaurant details.

2.2 Product functions:
- Room booking, valet parking, Party hall booking, Restaurant Access, Security system, hotel Maintenance, Amenities: Gym, swimming pool, Game room, spa, Pet Friendly

2.3 users characteristics
1. Customers/Guests of the hotel are above the age of 18 however Restaurant Access is for all age groups.
2. users include staff and management of the hotel.

2.4 general Constraints:
1. Customers have to be above the age of 18 to book the hotel rooms.
2. Customers can check in only at 12 noon.
3. Online booking requires advance payments.

4. Customers must carry ID proof.

2.5 Assumptions and Dependencies :-
1. Customers will maintain decorum at all times
2. Customers with pets will ensure that their pets are leashed at all times
3. Restaurant is open to public and hotel customers.
4. Children will be accompanied by Guardians at all times.

~~3. Specific Requirements.~~

3. Specific Requirements
a. Functional Requirements : Room Booking System, Party hall booking, Security System, hotel Restaurant facilities.

b. Non Functional Requirements : Online booking must have advance payments, Party hall booking must be done at least one week in advance, Pets services and EV charging station, Confidentiality of customer information, Ease and performance friendly booking of hotel room and other amenities

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C. Domain requirements : User interface, Payment Gateway, Inventory Management for the hotel, Customer feedback and reviews.

4. Appendices
5. Index.